

RACHEL PUTRI S. NABABAN

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Medan, Indonesia

I am an undergraduate Informatics student with a strong interest in web development, particularly in Front-end Development, Quality Assurance, and UI/UX Design. I am passionate about learning new technologies and continuously improving my technical and problem-solving skills. I am able to work both independently and collaboratively in a team environment. Through independent learning and internship experience, I continue to develop my knowledge and practical skills in technology. I am currently seeking opportunities to gain professional experience and contribute to real-world technology projects.

Education

Del Institute of Technology - Toba, Indonesia

Aug 2022 - Sep 2026 (Expected)

Bachelor of Informatics, 3.21/4.00

Work Experience

PT Hutabyte Abhinaya Inovasi - Toba, Indonesia

Aug 2025 - Feb 2026

Frontend Developer and UI/UX Designer Internship

- Performed frontend development and UI/UX design for web-based applications, focusing on responsive interfaces and user-centered design principles.
- Identified usability issues and proposed interface improvements to enhance user experience and application accessibility.
- Collaborated with backend developers and project stakeholders to ensure design consistency, feature functionality, and smooth system integration.

PT Goritax Prospera Indonesia - Jakarta Selatan, Indonesia

Jun 2025 - Aug 2025

Software Developer Internship

- Performed frontend development for web applications, implementing user interface components based on design specifications and system requirements.
- Designed UI/UX prototypes and interface improvements to enhance usability and user experience.
- Conducted manual testing and quality assurance processes, including debugging and documenting application issues in collaboration with the development team.

Del Institute of Technology - Toba, Indonesia

Feb 2025 - May 2025

Lecturer Assistant of Software Engineering

- Assisted students in understanding software engineering concepts, system design, and implementation practices.
- Developed learning materials and practical exercises to support students' understanding of software development processes.
- Evaluated assignments and provided constructive feedback to improve students' analytical and problem-solving skills.

Projects

Student Guidance and Guardianship Management Information System (SIMBA)

Jan 2025 - May 2025

UI/UX Designer

A web-based system that facilitates communication between students, dormitories, academic advisors, parents, and administrative staff.

- Designed intuitive and responsive user interfaces for the system.
- Developed dashboard interface concepts for violation monitoring and student guidance data.
- Designed communication interface features between academic staff and parents.
- Collaborated with developers to ensure design implementation aligned with system requirements.

Tech Stack: Figma, Laravel APIs.

Student Information System (IT Del Parent Information System)

Oct 2024 - Dec 2024

UI/UX Designer and Quality Assurance

This project is a web application designed to monitor and manage student violations at IT Del, ensuring transparency and timely updates for parents and relevant stakeholders.

- Designed user-centered interfaces through wireframes and interactive prototypes using Figma.
- Conducted user flow design and interface evaluation to improve usability.

- Performed quality assurance testing to ensure system functionality and interface consistency.

Tech Stack: Figma, HTML, CSS, JavaScript, PHP, MySQL, Laravel APIs.

SMA N 1 Balige Information System Website

Oct 2024 - Nov 2024

Frontend Developer

A web-based information system developed to manage the Student Creativity Program (PKM) at SMA Negeri 1 Balige.

- Designed and implemented responsive and user-friendly web interfaces.
- Collaborated with the development team to integrate frontend components with backend services.
- Improved usability through structured layout design and consistent UI components.

Tech Stack: HTML, CSS, JavaScript, PHP, MySQL, Laravel.

Organization

Association Consultative Assembly (Majelis Permusyawaratan Himpunan / MPH)

Sep 2024 - Nov 2025

Vice Chair

- Supported the Chair in coordinating organizational activities and decision-making processes.
- Coordinated and communicated student aspirations within the assembly.
- Ensured members carried out their responsibilities effectively.

Informatics Student Association

July 2023 - June 2024

Member, Interest and Talent Division

- Organized student development activities such as workshops, competitions, and training programs
- Facilitated student aspirations and collaborated with internal teams and external communities to support student activities.
- Promoted events to increase student participation and engagement.

Skills, Languages

Skills

- **Hard Skills:** Katalon, Postman, Selenium, Manual Testing, Draw.io, SQL, CSS, HTML, JavaScript, Python, PHP, C, Laravel.
- **Soft Skills:** Teamwork, Leadership, Communication, Time Management, Problem Solving, Critical Thinking.

Languages

- English (Fluent) | Indonesian (Native)